

LNJ814W83RA

High Bright Surface Mounting Chip LED

USS Type

■ Absolute Maximum Ratings $T_a = 25^\circ\text{C}$

Parameter	Symbol	Rating	Unit
Power dissipation	P_D	40	mW
Forward current	I_F	15	mA
Pulse forward current *	I_{FP}	40	mA
Reverse voltage	V_R	4	V
Operating ambient temperature	T_{opr}	-30 to +85	$^\circ\text{C}$
Storage temperature	T_{stg}	-40 to +100	$^\circ\text{C}$

Note) *: The condition of I_{FP} is duty 10%, pulse width 10 ms.

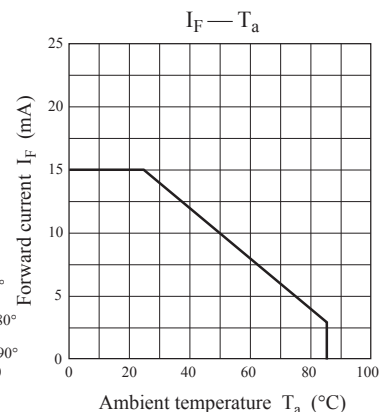
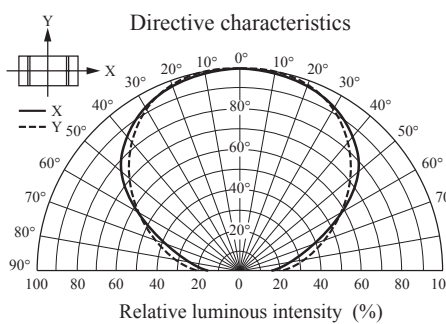
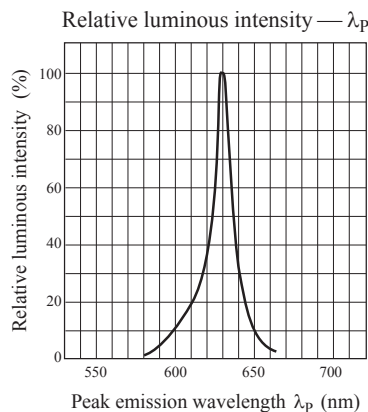
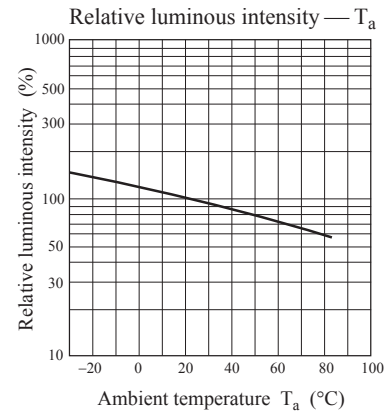
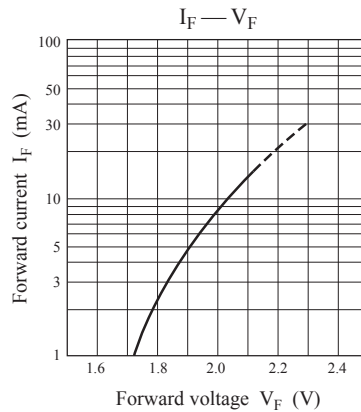
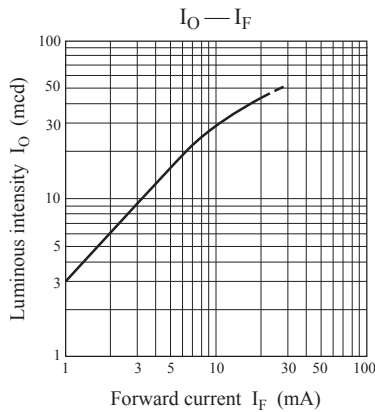
■ Lighting Color

- Orange

■ Electro-Optical Characteristics $T_a = 25^\circ\text{C} \pm 3^\circ\text{C}$

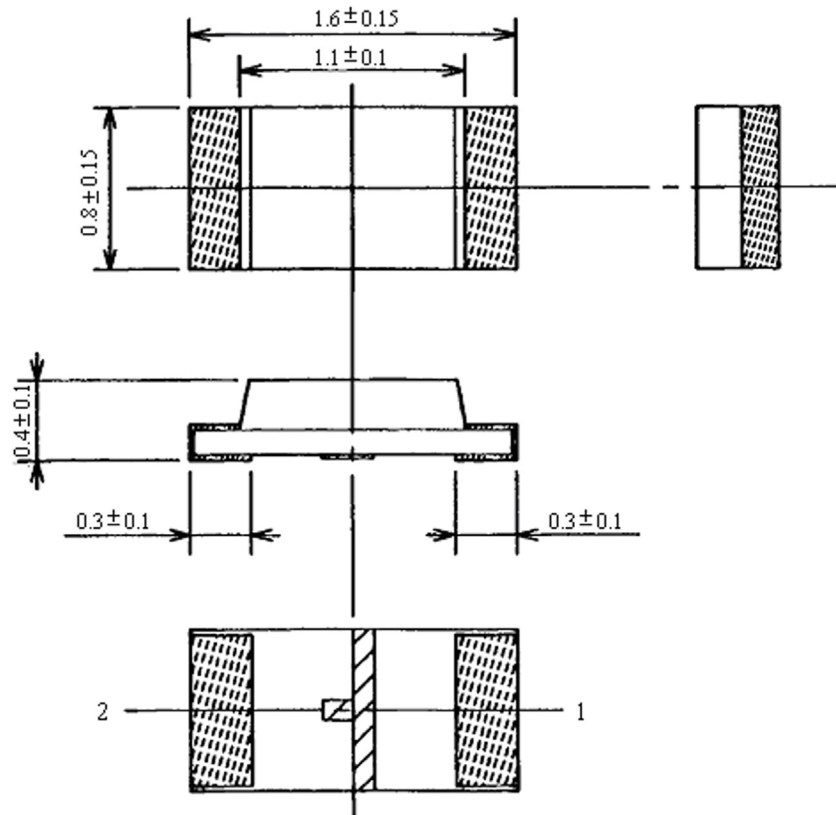
Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Luminous intensity	I_O	$I_F = 5 \text{ mA}$	7.0	15.0		mcd
Reverse current	I_R	$V_R = 4 \text{ V}$			100	μA
Forward voltage	V_F	$I_F = 5 \text{ mA}$		1.9	2.5	V
Peak emission wavelength	λ_p	$I_F = 5 \text{ mA}$		630		nm
Dominant emission wavelength	λ_d	$I_F = 5 \text{ mA}$		620		nm
Spectral half band width	$\Delta\lambda$	$I_F = 5 \text{ mA}$		15.0		nm

Note) Be careful of the product destruction by static electricity.



■ Package (Unit: mm)

KLTFTN2K1400



- Pin name
- 1: Anode
- 2: Cathode

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